

injecting fabricating?

- b. injection molding ceramic mold inserts having mounting surfaces and external dimensions matching the dimensions of said mold cavity pockets,
- c. securing said ceramic injection molded mold inserts to said mold cavity pockets

②

16. The method of Claim 15 whereby said ceramic injection molded mold inserts are secured to said mold cavity pockets through the application of a vacuum

17. The method of Claim 15 whereby said ceramic injection molded mold inserts are secured to said mold cavity pockets via an adapter plate or frame made from a metallic composition having substantially the same or slightly lower coefficient of thermal expansion as that of said ceramic injection molded mold inserts.

A, ③

18. The method of Claim 15 whereby said ceramic injection molded mold inserts are made from aluminum oxide.

19. The method of Claim 15 whereby said ceramic injection molded mold inserts are interchangeable.

20. The method of Claim 15 whereby the dimensional or surface texture inconsistency between articles molded in different molds or in different mold cavities is reduced.

21. The method of Claim 15 whereby the geometry of a molding cavity can be changed rapidly to a different design.